

REGION 5
77 West Jackson Boulevard
Chicago, Illinois 60604

CHAIN OF CUSTODY RECORD

PROJ. NO. 02AH62		PROJECT NAME Cheshire Monitoring Study		NO. OF CON- TAINERS		<div>Activity Code: 12345 90401#</div> <div>AIR 0208008</div>										
SAMPLERS: (Print Name and Sign) Mike Murphy <i>Mike Murphy</i>																
STA. NO.	DATE	TIME	COMP													GRAB
DO1	8/6	00:00	X		GHS	1										5-340274 1 to 1
S03	8/6	00:00	X		ADDAVILLE	1										5-340276 1 to 1
SO1	8/6	00:00	X		GHS	1										5-340273 1 to 1
SO2	8/6	00:00	X		RVHS	1										5-340275 1 to 1
																GHS # 3012, Pstg Avg = 16.1
																GHS # 3013, Pstg Avg = 16.3
																RVHS, Pstg Avg = 20.0
																Addaville, Pstg Avg = 20.5
Relinquished by: (Signature) <i>Mike Murphy</i>		Date / Time 8-6-02 15:41		Received by: (Signature) <i>William Lopez</i>		Ship To:										
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		ATTN:										
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature) <i>William Lopez</i>		Date / Time 8/16/02 8:23am		Airbill Number UPS # 124011990140361175								
Chain of Custody Seal Numbers																

5-140068

Project No. 02AH62 Project Name AIR 0208008 CHESHIRE MONITORING STUDY 90101A
 ARRIVAL DATE: 8/16/2002 DUE DATE: 9/7/2002

Sampler
 Mike Murphy

Cooler ID 02AH621 Page 5-140068

Sample Id:	Station	Date / Time	Grab / Comp	Station Location	No Bottles	Tag Numbers
02AH62DO1	DO1	06/08/2002 00:00:00	<input type="radio"/> Grab <input checked="" type="radio"/> Com	GHS	1	5-340274 1 to 1

Bottle No. 1
 Parameter
 PM10

Sample Id:	Station	Date / Time	Grab / Comp	Station Location	No Bottles	Tag Numbers
02AH62S03	S03	06/08/2002 00:00:00	<input type="radio"/> Grab <input checked="" type="radio"/> Com	ADDAVILLE	1	5-340276 1 to 1

Bottle No. 1
 Parameter
 PM10

Sample Id:	Station	Date / Time	Grab / Comp	Station Location	No Bottles	Tag Numbers
02AH62SO1	SO1	06/08/2002 00:00:00	<input type="radio"/> Grab <input checked="" type="radio"/> Com	GHS	1	5-340273 1 to 1

Bottle No. 1
 Parameter
 PM10

Sample Id:	Station	Date / Time	Grab / Comp	Station Location	No Bottles	Tag Numbers
02AH62SO2	SO2	06/08/2002 00:00:00	<input type="radio"/> Grab <input checked="" type="radio"/> Com	RVHS	1	5-340275 1 to 1

Bottle No. 1
 Parameter
 PM10

CENTRAL REGIONAL LABORATORY
Data Checklist

Data Set AIR 0208008 Cheshire Monitoring Study
PM10

☒ Chain of Custody

☒ Reported in LIMS

☒ Transmittal Report w/signatures of the following:

- Analyst(s)
- Environmental Data Coordinator

Prepared by: Sylvia Griffin 10-22-02
Environmental Data Coordinator

Revised 11-04-02



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 CENTRAL REGIONAL LABORATORY

536 SOUTH CLARK STREET

CHICAGO, ILLINOIS 60605

Date: **OCT 22 2002**

Subject: Review of Region 5 Data for **CHESHIRE MONITORING STUDY**

From: **Francis A. Awanya, Chemist** *FAA*
Region 5 Central Regional Laboratory

To:

Attached are the results for: **CHESHIRE MONITORING STUDY**

CRL data set number: **0208008**

Samples analyzed for: **Suspended Particles**

Results are reported for sample designations: **2002AH62D01, 2002AH62S01, 2002AH62S02, and 2002AH62S03.**

Data Management Coordinator and Date Received

OCT 22 2002

Date Transmitted: OCT 22 2002

Please have the U.S. EPA Project Manager/Officer complete the Customer Satisfaction Survey, attached, or call the CRL Sample Coordinator at 3-1226.

Please sign and date this form below and return it with any comments to:

Sylvia Griffin
Data Management Coordinator
Region 5 Central Regional Laboratory
ML-10C

_____/_____/_____
Received by and Date

Comments:

CRL Data Review Qualification Codes

QUALIFIER	DESCRIPTION
B	This flag is used when the analyte is found in the associated <u>B</u> lank as well as the sample. It indicates possible blank contamination and warns the user to take appropriate action while assessing the data. See the case narrative for a discussion of common lab contaminants and/or the relative concentration of contamination in the samples and blanks for relevance.
J	This flag is used when the analyte is <u>estimated</u> due to quality control limit(s) being exceeded. This flag accompanies all GC/MS tentatively identified compounds (TICs). This flag also applies to a suspected, unidentified interference. This flag is placed on affected detected results as well as non-detected (i.e., "U" flagged) results. (<u>J</u> is the flag used in the Superfund CLP SOW and Data Review Functional Guidelines and is used by CRL for consistency.)
M	This flag is used when the analyte is confirmed to be qualitatively present in the sample, extract or digestate, with a quantity at or above the CRL <u>M</u> ethod Detection Limit (MDL) but below the lowest concentration of the calibration curve. This flag indicates the quantitated value is <u>estimated</u> since it falls below the lowest calibration standard in the calibration curve.
N	This flag applies to GC/MS <u>T</u> entatively Identified Compounds (TICs) that have a mass spectral library match.
Q	This flag applies to analyte data that are severely estimated due to quality control and/or <u>Q</u> uantitation problems, but are confirmed to be qualitatively present in the sample. <u>No value is reported with this qualification flag.</u>
R	This flag applies to analyte data that are <u>R</u> ejected and unusable due to severe quality control, quantitation and/or qualitative identification problems. No other qualification flags are reported for this analyte. <u>No value is reported with this qualification flag.</u>
U	This flag is used when the analyte was analyzed for but <u>U</u> ndetected in the sample. The CRL RL for the analyte accompanies this flag. When the customer requests CRL to report below our RL down to our MDL, undetected analytes are reported with a "U" code and the MDL. As with sample results that are positive, the value is corrected for dry weight, dilution and/or sample weight or volume.

03/07/01



Environmental Protection Agency Region 5
Central Regional Laboratory

536 South Clark Street, Chicago, IL 60605
Phone:(312)353-8370 Fax:(312)886-2591

WORK ORDER

Printed: 10/17/02 12:12:39PM

0208008

US EPA Region 5 Central Regional Laboratory

Client: Air Division, US EPA Region 5
Project: Gavin, Cheshire. Ohio

Project Manager: Marilyn Jupp
Project Number: [none]

Report To:

Kathy Triantafillou
Air Division, US EPA Region 5

77 West Jackson Boulevard
Chicago, IL 60605

Phone: (312) 353-4775
Fax: (312) 353-2001

Date Due: Sep-07-02 15:00 (21 day TAT)

Received By: William Sargent

Date Received: Aug-16-02 08:23

Logged In By: William Sargent

Date Logged In: Aug-16-02 08:25

Samples Received at: °C Starts 8-3-01
All containers intact: No Ends 8-3-02
Sample labels/COC agree: No
Samples Preserved Properly: No
Custody Seals Present: No

Analysis	Due	TAT	Expires	Comments
----------	-----	-----	---------	----------

0208008-01 2002AH62D01-GHS#3012.PSTG AVG=16.1 [Air Filter] Sampled Aug-06-02 00:00 Central				
---	--	--	--	--

PM10	Sep-07-02 12:00	21	Aug-06-03 00:00	
------	-----------------	----	-----------------	--

0208008-02 2002AH62S01-GHS#3013,PSTG AVG=16.3 [Air Filter] Sampled Aug-06-02 00:00 Central				
---	--	--	--	--

PM10	Sep-07-02 12:00	21	Aug-06-03 00:00	
------	-----------------	----	-----------------	--

0208008-03 2002AH62S02-RVHS,PSTG AVG=20.0 [Air Filter] Sampled Aug-06-02 00:00 Central				
---	--	--	--	--

PM10	Sep-07-02 12:00	21	Aug-06-03 00:00	
------	-----------------	----	-----------------	--

0208008-04 2002AH62S03-ADDAVILLE, PSTG AVG=20.5 [Air Filter] Sampled Aug-06-02 00:00 Central				
---	--	--	--	--

PM10	Sep-07-02 12:00	21	Aug-06-03 00:00	
------	-----------------	----	-----------------	--

Data Set Number:	<u>0208008</u>	Parameter:	<u>Suspended Particles</u>
Facility Name:	<u>CHESHIRE MONITORING STUDY</u>		
Study Name:	<u>CHESHIRE MONITORING STUDY</u>		
Date of Narrative:	<u>10/17/2002</u>	Analyst:	<u>FAA</u>
Prepared by:	<u>FAA</u>	Signature:	<u>FAA</u>

ANALYSIS CASE NARRATIVE

Four (4) exposed filters were received for suspended particle analysis at the Central Regional Laboratory (CRL) on August 16, 2002. Those filters were fractions of clean filters, prepared at the CRL and sent to the field for exposure. Filter identification numbers and other pertinent information obtained from the individual filters and packaging envelopes are presented in the table below.

Filters ID	Samples ID	Tag Number
Q8609567	2002AH62D01	5-340274-1
Q8609568	2002AH62S01	5-340273-1
Q6597482	2002AH62S02	5-340275-1
Q6597481	2002AH62S03	5-340276-1

Filter equilibrations and final weighting of exposed filters were performed according to CRL.SOP AIG047. Analysis of exposed filters began on 10/15/2002 and was completed on 10/17/2002. All exposed filters were in good conditions. No sampler serial numbers were provided by the field for filter Q6597482 (CRL Sample I.D 2002AH62S02) and Q6597481 (CRL Sample I.D 2002AH62S03).

QUALITY CONTROL (QC):

Analysis results were evaluated using the QC requirements of CRL.SOP AIG047. All the required quality control criteria for the laboratory, method, and system performance audits were evaluated and determined to be within the limits.

SAMPLE RESULTS:

All the sample results are acceptable for use.

ELECTRONIC DATA:

No electronic data.

ENVIRONMENTAL PROTECTION AGENCY
REGION V
CENTRAL REGIONAL LABORATORY
FINAL RESULT REPORT FOR THE TEAM: ANALYTICAL AND INORGANIC (A&I)

DIVISION/BRANCH: AIR DIVISION SAMPLING DATE: 08/08/2002 LAB ARRIVAL DATE: 08/16/2002 DUE DATE: 09/07/2002
DU NUMBER: 90101A WORK ORDER NUMBER: 0208008 STUDY: CHESHIRE MONITORING STUDY PRIORITY: 1 LABORATORY: CRL

SAMPLE #	CRL LOG NUMBER	SAMPLE DESCRIPTION	SUSPENDED PARTICLE (g/filter)			
1	2002AH62D01	GUIDING HANDS SCHOOL	0.0911			
2	2002AH62S01	GUIDING HANDS SCHOOL	0.0972			
3	2002AH62S02	RVHS	0.0786			
4	2002AH62S03	ADDAVILLE	0.0212			
DATE OF ANALYSIS			10/15-17/2002			
ANALYST			FAA			

Reviewed by: AT Date: 10/21/02

CRL SOP: HK015	Date: 07 January 2000	Revision No: 1
Data review for the Analytical and Inorganic Group		Page __ of __

ATTACHMENT II

CRL Analytical and Inorganics Data Review Checklist

Batch Number: 0208008 Facility: CESHIRE MONITORING STUDIES
 Parameter: SUSPENDED PARTICLES CRL SOP: AIG047

Package Overview:	YES	NO
Raw Data Package Complete?	✓	
Results Reported Correctly?	✓	
Special Requests Done?	N/A	
Calculations Checked?	✓	
Calibration Not Exceeded?	N/A	
Manual Peak Integration performed? Circle one IC or GC and Check	N/A	
Field QC Checked?	N/A	
Quality Control:		
Holding Times Met?	✓	
Preservation Checked?	N/A	
Proper Digestion Verified?	N/A	
Initial Instrument Performance Checks Verified?	✓	
Calibration Verification Checked?	N/A	
Sample-Specific QC (Internal Standards or Analytical Spikes) Okay?	N/A	
Matrix QC Checked?	N/A	
Digestion Blanks Checked?	N/A	
Spiked Blank Checked?	N/A	
LCS (if applicable) Checked?	N/A	
QCS (if applicable) Checked?	N/A	
Final Check		
Technical Review Done?	✓	
Narrative Complete?	✓	

Analyst: FMA Peer Reviewer: Angela J. Jucker
 Date: 10/18/02 Date: 10/21/2002

Comments Attached? (Y/N) N

Data Set Number:	<u>0208008</u>	Parameter:	<u>Suspended Particles</u>
Facility Name:	<u>CHESHIRE MONITORING STUDY</u>		
Study Name:	<u>CHESHIRE MONITORING STUDY</u>		
Date of Narrative:	<u>10/17/2002</u>	Analyst:	<u>FAA</u>
Prepared by:	<u>FAA</u>	Signature:	<u>FAA</u>

ANALYSIS CASE NARRATIVE

Four (4) exposed filters were received for suspended particle analysis at the Central Regional Laboratory (CRL) on August 16, 2002. Those filters were fractions of clean filters, prepared at the CRL and sent to the field for exposure. Filter identification numbers and other pertinent information obtained from the individual filters and packaging envelopes are presented in the table below.

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Q8609567	2002AH62D01	5-340274-1
Q8609568	2002AH62S01	5-340273-1
Q6597482	2002AH62S02	5-340275-1
Q6597481	2002AH62S03	5-340276-1

Filter equilibrations and final weighting of exposed filters were performed according to CRL.SOP AIG047. Analysis of exposed filters began on 10/15/2002 and was completed on 10/17/2002. All exposed filters were in good conditions. No sampler serial numbers were provided by the field for filter Q6597482 (CRL Sample I.D 2002AH62S02) and Q6597481 (CRL Sample I.D 2002AH62S03).

QUALITY CONTROL (QC):

Analysis results were evaluated using the QC requirements of CRL.SOP AIG047. All the required quality control criteria for the laboratory, method, and system performance audits were evaluated and determined to be within the limits.

SAMPLE RESULTS:

All the sample results are acceptable for use.

ELECTRONIC DATA:

No electronic data.

CHESHIRE AIR MONITORING PROJECT

PM10

Parameter: Suspended Particles

Work Order Numbers:

0208008, 0209001, 0209002, 0209015, 0209015, 0209016, 0209017, 0209018, 0210005

Date of Analysis 8/16/2002

Analyst: FAA

BALANCE VERIFICATION:

Standard Weights	Balanced weight	Differences
Actual (g)	Balanced (g)	(g)
Limit +/- 0.0005 g		
1.0000	1.0000	0.0000
2.0000	2.0000	0.0000
5.0000	4.9998	0.0002

QC-SUMMARY FOR EXPOSED FILTERS

Filter ID	CRL Sample	Sampling	ANALYST	Exposed
Number	I.D Number	Date		weight (g)
Q6597484	2002AH64S01	08/18/02	Analyst 1	4.4425
Q6597484	2002AH64S01	08/18/02	Analyst 2	4.4430
Differences (Limit +/- 5 mg).....				-0.0005
Q6597471	2002AH65S02	08/24/02	Analyst 1	4.4799
Q6597471	2002AH65S02	08/24/02	Analyst 2	4.4800
Differences (Limit +/- 5 mg).....				-0.0001

**CHESHIRE AIR MONITORING PROJECT
PM10**

Filter ID Number	CRL Sample I.D Number	Sampling Date	Station Location	Sampler SN	Pstg Avg	P1/Pa	Total Volume (M^3)	Pre Weight of filters (g)	Exposed weight (g)	Weight Gain	PM10 (UG/M^3)
Work Order Number 0208008											
Q8609567	2002AH62D01	08/06/02	Guiding Hands School	3012	16.10		0.00	4.3699	4.4610	0.0911	ERR
Q8609568	2002AH62S01	08/06/02	Guiding Hands School	3013	16.30		0.00	4.3413	4.4385	0.0972	ERR
Q6597482	2002AH62S02	08/06/02	RVHS	-	20.00		0.00	4.4009	4.4795	0.0786	ERR
Q6597481	2002AH62S03	08/06/02	Addaville	-	20.50		0.00	4.4009	4.4221	0.0212	ERR
Work Order Number 0209001											
Q6597480	2002AH63D01	08/12/02	Guiding Hands School	3013	20.45		0.00	4.4166	4.4776	0.0610	ERR
Q6597479	2002AH63S01	08/12/02	Guiding Hands School	3012	20.90		0.00	4.4190	4.4659	0.0469	ERR
Q6597493	2002AH63S02	08/12/02	RVHS	-	21.10		0.00	4.4035	4.4594	0.0559	ERR
Q6597489	2002AH63S03	08/12/02	Addaville	-	20.80		0.00	4.4134	4.4632	0.0498	ERR
Work Order Number 0209002											
Q6597488	2002AH64D01	08/18/02	Guiding Hands School	3013	20.95		0.00	4.4444	4.4624	0.0180	ERR
Q6597484	2002AH64S01	08/18/02	Guiding Hands School	3012	20.85		0.00	4.4140	4.4425	0.0285	ERR
Q6597486	2002AH64S02	08/18/02	RVHS	-	21.05		0.00	4.3839	4.3995	0.0156	ERR
Q6597487	2002AH64S03	08/18/02	Addaville	-	18.85		0.00	4.4050	4.4266	0.0216	ERR
Work Order Number 0209015											
Q6597485	2002AH65D01	08/24/02	Guiding Hands School	3012	20.20		0.00	4.4080	4.4662	0.0582	ERR
Q6597490	2002AH65S01	08/24/02	Guiding Hands School	3013	20.05		0.00	4.3813	4.4362	0.0549	ERR
Q6597492	2002AH65S02	08/24/02	RVHS	-	20.10		0.00	4.4290	4.4850	0.0560	ERR
Q6597471	2002AH65S03	08/24/02	Addaville	-	20.50		0.00	4.4502	4.4799	0.0297	ERR
Work Order Number 0209016											
Q6597491	2002AH66D01	08/30/02	Guiding Hands School	3012	20.30		0.00	4.4264	4.4412	0.0148	ERR
Q6597494	2002AH66S01	08/30/02	Guiding Hands School	3013	20.90		0.00	4.4152	4.4529	0.0377	ERR
Work Order Number 0209017											
Q6597467	2002AH67D01	09/05/02	Guiding Hands School	3012	21.35		0.00	4.4111	4.4445	0.0334	ERR
Q6597466	2002AH67S01	09/05/02	Guiding Hands School	3013	20.75		0.00	4.4130	4.4383	0.0253	ERR
Q6597464	2002AH67S02	09/05/02	RVHS	-	21.15		0.00	4.4320	4.4724	0.0404	ERR
Q6597465	2002AH67S03	09/05/02	Addaville	-	21.10		0.00	4.4245	4.4566	0.0321	ERR
Work Order Number 0209018											
Q6597446	2002AH70S01	09/23/02	Guiding Hands School	3012	21.05		0.00	4.4275	4.4432	0.0157	ERR
Q6597460	2002AH70S03	09/23/02	Addaville	-	20.40		0.00	4.4310	4.4545	0.0235	ERR
Work Order Number 0210005											
Q6597455	2002AH71D01	09/29/02	Guiding Hands School	3012	21.35		0.00	4.4549	4.4918	0.0369	ERR
Q6597454	2002AH71S01	09/29/02	Guiding Hands School	3013	20.50		0.00	4.4837	4.5210	0.0373	ERR
Q6597457	2002AH71S02	09/29/02	RVHS	-	20.55		0.00	4.4527	4.4868	0.0341	ERR
Q6597456	2002AH71S03	09/29/02	Addaville	-	20.35		0.00	4.4566	4.4889	0.0323	ERR

NTS	FILTER I.D.	TARE wt (g)	DUP wt (g)	EXPOSED wt (g)	EXPOSED wt DUP (g)	COMMENTS
26/02	Q8609578	4.3518	.	4.3696		
	Q8609577	4.4047		4.4346	4.4342	For
	Q8609576	4.4045		4.4332		
02	Q8609575	4.4086		4.4336 E.S. 4.4200		
	Q8609574	4.3944		4.4200		
	Q8609573	4.3820		4.4151		
	Q8609572	4.3980	4/9/02 For 4.3983	4.4317		
	Q8609571	4.4116		4.4586		
	Q8609570	4.3708		4.4152		
	Q8609569	4.3923		4.4459	4.4457	
	Q8609568	4.3413		4.4385		For 6/27/02
	Q8609567	4.3699		4.4610		
	Q8609566	4.3652		4.4232		
	Q8609565	4.3893		4.4524		
	Q8609564	4.3782		4.4429	4.4425	For 6/11/02
	Q8609563	4.3914		4.5010		
	Q8609562	4.4055		4.4541		
	Q8609561	4.4050		4.4643		
	Q8609560	4.3683	4/9/02 For 4.3687	4.4096		
	Q8609559	4.3343		4.3767	4.3762	
	Q8609558	4.3507		4.3894		
	Q8609557	4.3532		4.3750		
	Q8609556	4.3494		4.3771		
	Q8609555	4.3580		4.4011		

0208008

Page 2 of 2

ITS	Filt. ID.	TARE wt (g)	DUP wt (g)	Exposed wt (g)	Exposed wt Dup (g)	Comments
	06597495	4.4440				
	06597468	4.4357				
	06597469	4.4357		4.4869		
sent	06597470	4.4143		4.4664	4.4664 ^{no}	
	06597471	4.4502	4.4506	4.4799	4.4800 ^{no}	
	06597472	4.4558		4.5082		
	06597473	4.4380		4.4731		
	06597474	4.4511		4.4803		
	06597475	4.4035	4.4040	4.4594		
	06597476	4.4355		4.4760		
	06597477	4.4380		4.4822		
	06597478	4.4059		4.4435		
	06597479	4.4190		4.4659		
	06597480	4.4166		4.4776		
	06597481	4.4009		4.4221		
	06597482	4.4009		4.4795		
	06597483	4.4152		4.4529		
	06597484	4.4140		4.4425	4.4430 ^{no}	
	06597485	4.4080		4.4654	62 ^{FAA} 10/17/02	Smudge like dried wet spots
	06597486	4.3839		4.3995		
	06597487	4.4050		4.4266		
	06597488	4.4444		4.4624		Large tear in the middle
	06597489	4.4134	4.4133	4.4683	^{FAA} 10/17/02	
	06597490	4.3813		4.4362		
	06597491	4.4264		4.4412		
	06597492	4.4290		4.4850		Scratch on one side
	0659496	4.4216				

[illegible]

Parameters PM10

0208008

Preservative: None

S M MD B D

Sample ID 02AH62DO1

X

Sampler

Mike Murph

Date _____

8-6-02

[illegible][illegible]

5-340273-1

Parameters PM10

0208008

Preservative None

S M M D B D

Sample ID 02AH62S01

X

Sampler *Mike Murph*

Date 8-6-02

COMMENTS:

STD _____ ACTUAL _____
 FLOW m^3/min _____
 ELAPSED TIME MINUTES 1410
 AVG. RECORDER RESP. 20.0
 TSP _____
 PM-10 _____
 AIRS _____
 SITE RHS
 TEMP $^{\circ}\text{C}$ _____
 PRESS mmHg _____
 TOTAL FLOW m^3 _____
 SAMPLE WT ug/m^3 _____
 INITIAL WT _____
 FINAL WT _____
 OPERATOR OLEP
 DATE 8-6-02

US EPA Region 5 Field Sample



5-340275-1

Parameters PM10

0208008

Preservative None

S M M D B D

Sample ID 02AH62S02

X

Sampler Mike MurphyDate 8-6-02

0208008

Parameters PM10

5-340276-1

US EPA Region 5 Field Sample

US EPA Region 5 Field Sample

CO
DE
A

REPORT

W
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D

STE Addams Q657 7481

AVG. RECORDER RESP.



225



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WALKITTES

0011-8451/96/0005-0000\$10.00/0

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in 2001

TOTAL FLOW

SAVED BY THE BELL

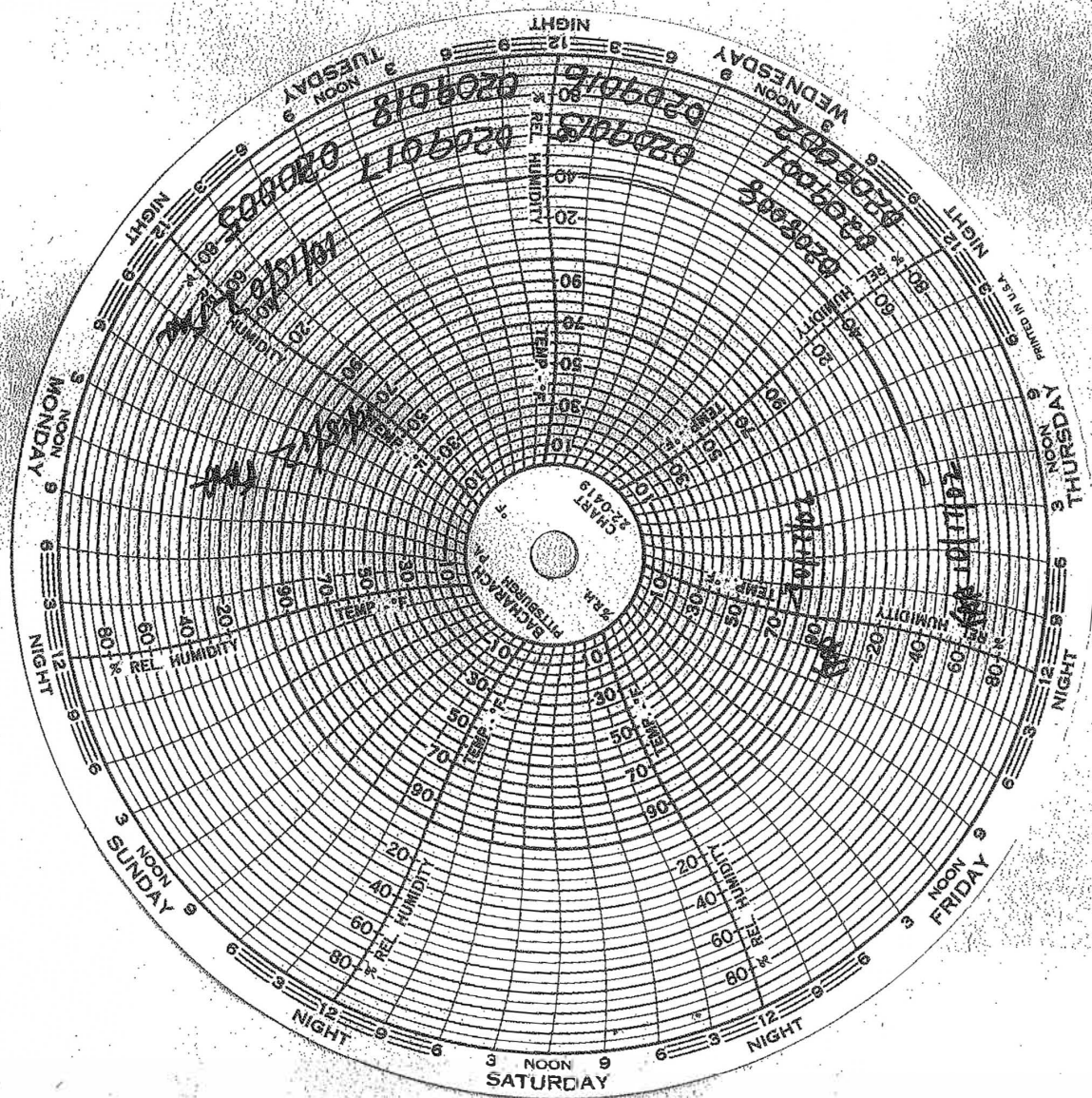
2

ACTUAL

COPY



QUESTIONS



LED
ITS
(ED(g))

General
INFO

STANDARD
weights (g)
(Actual)

Balanced
weights (g)
(Balanced)

0.1(mg)
0.1(mg)
0.1(mg)
0.2 g
0.2(g)
0.2(g)

Mettler A6285
S/N 1120181838
10/09/02 AJ

100.00 mg
200.00 mg
500.00 mg
20.0 g
50.0 g
100.0 g

100.006 mg
200.005 mg
500.02 mg
20.0003 g
50.0002 g
100.0000 g

Mettler A6285
S/N 1120181838
10/10/02 AJ

100 mg
200 mg
500 mg
20 g
50 g
100 g

100.01 mg
200.07 mg
499.93 mg
20.0000 g
49.9999 g
100.0001 g

5 mg
2 mg
1 mg
1(g)
2(g)
6(g)

SARTORIUS

37010119
10/10/10/11/02
FAA

1.0000
2.0000
5.0000

0.9998
1.9999
5.0001
FAA

Mettler A6285
S/N 1120181838
10/15/02 AJ

100 mg
200 mg
500 mg
20 g
50 g
100 g

99.98 mg
200.00 mg
500.03 mg
20.0002 g
50.0006 g
100.0001 g

Mettler A6285
S/N 1120181838
10/16/02 AJ

100 mg
200 mg
500 mg
20 g
50 g
100 g

99.98 mg
200.05 mg
500.02 g
20.0002 g
50.0001 g
100.0001 g

SARTORIUS

37010119
10/17/02 FAA

1.0000
2.0000
5.0000

1.0000
2.0000
4.9998

g)
ng)
ng)
g)
g)
g)